

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-324685

(43)Date of publication of application : 08.11.2002

(51)Int.Cl. H05B 37/02  
H01L 33/00

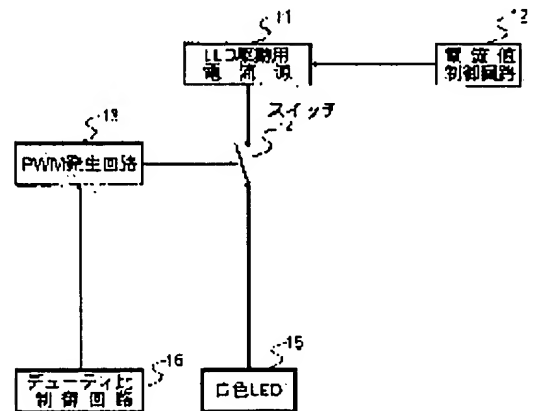
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## (54) LIGHTING DEVICE

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a lighting device which can adjust chromaticity and brightness of illumination light.

SOLUTION: The level of current supplied to a light-emitting diode is controlled by a current value control circuit 12 and a current source for driving an LED 11, and the ratio of on-time and off-time of current supplied to the light-emitting diode is controlled by a switch 14, a duty-ratio control circuit 16, and a PWM generating circuit 13. Since phosphors are made to emit light with light obtained by supplying the light-emitting diode with the current thus controlled, illumination light from a white LED 15 has stabilized chromaticity and luminous intensity.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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